

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DK2004/000859

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>	
IPC 7	C12N15/31 . C12N15/75 C12N1/21 C07K14/32 C12P21/02
C12N9/28 C12N15/56	
//(C12N1/21, C12R1:07)	

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, EMBL

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/04007 A (GENENCOR INTERNATIONAL, INC; GENENCOR INTERNATIONAL B.V; QUAX, WILHELM) 28 January 1999 (1999-01-28) the whole document -----	1-6, 12-26
X	WO 94/19471 A (THE FINNISH NATIONAL PUBLIC HEALTH INSTITUTE; KONTINEN, VESA; SARVAS,) 1 September 1994 (1994-09-01) the whole document ----- -/-	1-6, 12-26

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
14 March 2005	01/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Huse, I

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEN L ET AL: "Bacillus subtilis MrgA is a Dps(PexB) homologue: evidence for metalloregulation of an oxidative-stress gene." MOLECULAR MICROBIOLOGY. OCT 1995, vol. 18, no. 2, October 1995 (1995-10), pages 295-300, XP002319117 ISSN: 0950-382X abstract page 299, left-hand column, paragraph 3 -----	1-5,7-11
A	VAN WELY K H ET AL: "The carboxyl terminus of the Bacillus subtilis SecA is dispensable for protein secretion and viability." MICROBIOLOGY (READING, ENGLAND) OCT 2000, vol. 146 ( Pt 10), October 2000 (2000-10), pages 2573-2581, XP002319104 ISSN: 1350-0872 cited in the application abstract page 2578, left-hand column -----	1-26
A	DATABASE EMBL 8 September 1993 (1993-09-08), CHEN L. ET AL.: "Bacillus subtilis MrgA (mrgA) gene, complete cds and orf, partial cds." XP002319105 Database accession no. L19547 the whole document -----	1-26

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

CT/DK2004/000859

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9904007	A 28-01-1999	AU CA EP JP WO US US	8493198 A 2296689 A1 1003873 A1 2001510047 T 9904007 A1 6258563 B1 2002006641 A1	10-02-1999 28-01-1999 31-05-2000 31-07-2001 28-01-1999 10-07-2001 17-01-2002
WO 9419471	A 01-09-1994	AU CA CN EP FI WO JP US	6142694 A 2156425 A1 1120853 A ,C 0686195 A1 954010 A 9419471 A1 8507207 T 2004350691 A 5780261 A	14-09-1994 01-09-1994 17-04-1996 13-12-1995 25-10-1995 01-09-1994 06-08-1996 16-12-2004 14-07-1998